

Comparisons of Job Characteristics

Focus Occupation: [Health Technologists and Technicians, All Other \(29-2099\)](#)

Associated Occupation: [Psychiatrists \(29-1066\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Psychiatrists (29-1066)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Psychology	6.4	23.8	10.5	<<	Extensive education and/or training may be required
Therapy and Counseling	3.8	23.2	6.4	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	20.9	15.1	<<	Extensive education and/or training may be required
Biology	3.7	14.0	8.0	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	11.5	6.1	<<	Extensive education and/or training may be required
Philosophy and Theology	3.2	8.4	3.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Psychiatrists (29-1066)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Social Perceptiveness	9.1	19.2	11.3	<<	Extensive development of skills in this area may be required
Active Listening	11.0	17.1	12.3	<<	Extensive development of skills in this area may be required
Science	4.5	15.2	6.0	<<	Extensive development of skills in this area may be required

Critical Thinking	10.8	15.1	11.6	<<	Extensive development of skills in this area may be required
Writing	9.2	14.8	10.2	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	14.6	9.8	<<	Extensive development of skills in this area may be required
Active Learning	8.7	14.3	9.9	<<	Extensive development of skills in this area may be required
Monitoring	9.9	14.3	11.0	<<	Extensive development of skills in this area may be required
Service Orientation	7.9	13.8	10.4	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	13.5	9.6	<<	Extensive development of skills in this area may be required
Persuasion	7.4	12.4	7.4	<<	Extensive development of skills in this area may be required
Negotiation	6.8	11.9	7.4	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	11.6	2.6	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Psychiatrists (29-1066)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	17.2	13.5	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	17.0	13.6	<<	Extensive improvement in abilities may be required
Oral Expression	12.4	16.3	13.3	<	Some improvement in abilities may be required
Written Comprehension	11.0	16.2	11.9	<<	Extensive improvement in abilities may be required
Written Expression	9.8	16.2	10.8	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	15.2	11.6	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	15.2	11.5	<<	Extensive improvement in abilities may be required
Speech Recognition	9.9	14.3	10.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)
Associated Occupation: Psychiatrists (29-1066)

Tools and Technologies	Exclusivity
Blood pressure units and related products	11
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Network applications software	1
Stethoscopes and related products	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.